

Town of Needham
Capital Improvement Plan
January 2010

Debt Service to Revenue
Issued, Authorized and Proposed for FY 2011
FY 2011 - FY 2015

Description	2010	2011	2012	2013	2014	2015
Revenue						
General Fund Within the Levy *	\$97,623,957	\$100,260,381	\$103,638,544	\$107,308,368	\$111,108,336	\$115,043,069
General Fund Excluded from Levy **	\$6,086,845	\$7,301,540	\$6,882,605	\$7,252,355	\$7,475,972	\$7,300,208
CPA Revenue	\$1,943,111	\$1,830,000	\$1,875,750	\$1,922,644	\$1,970,710	\$2,019,978
RTS Revenue	\$1,611,627	\$1,676,092	\$1,743,136	\$1,812,861	\$1,885,376	\$1,960,791
Sewer Revenue	\$7,869,728	\$8,164,843	\$8,471,024	\$8,788,688	\$9,118,264	\$9,460,198
Water Revenue	\$5,086,773	\$5,277,527	\$5,475,434	\$5,680,763	\$5,893,792	\$6,114,809
Total Revenue	\$120,222,041	\$124,510,383	\$128,086,494	\$132,765,679	\$137,452,449	\$141,899,053
Debt Service						
General Debt (Table I)	\$2,747,025	\$2,967,712	\$2,830,467	\$2,479,528	\$2,185,942	\$2,065,968
CPA Debt (Table II)			\$300,000	\$550,000	\$770,000	\$779,000
RTS Debt (Table III)	\$150,000	\$150,000	\$126,915	\$122,068	\$77,622	
Sewer Debt (Table IV)	\$1,200,000	\$1,250,000	\$1,274,629	\$1,321,280	\$1,607,740	\$1,381,849
Water Debt (Table V)	\$1,500,000	\$1,500,000	\$1,546,652	\$1,318,865	\$1,194,333	\$1,171,135
Gross Excluded Debt (Table VI)	\$7,196,912	\$8,411,607	\$7,627,986	\$7,997,736	\$8,221,353	\$8,045,589
Total Debt Service	\$12,793,936	\$14,279,319	\$13,706,649	\$13,789,477	\$14,056,989	\$13,443,541
Total Debt Service to Total Revenue	10.64%	11.47%	10.70%	10.39%	10.23%	9.47%
Total Debt Service to Total Revenue (less MSBA) ***	9.81%	10.67%	10.18%	9.88%	9.74%	9.00%
General Debt Service to General Revenue	2.81%	2.96%	2.73%	2.31%	1.97%	1.80%

* FY 2011 - FY 2015 revenue is based on the August 2009 Five-Year Pro Forma modified based on current estimates.

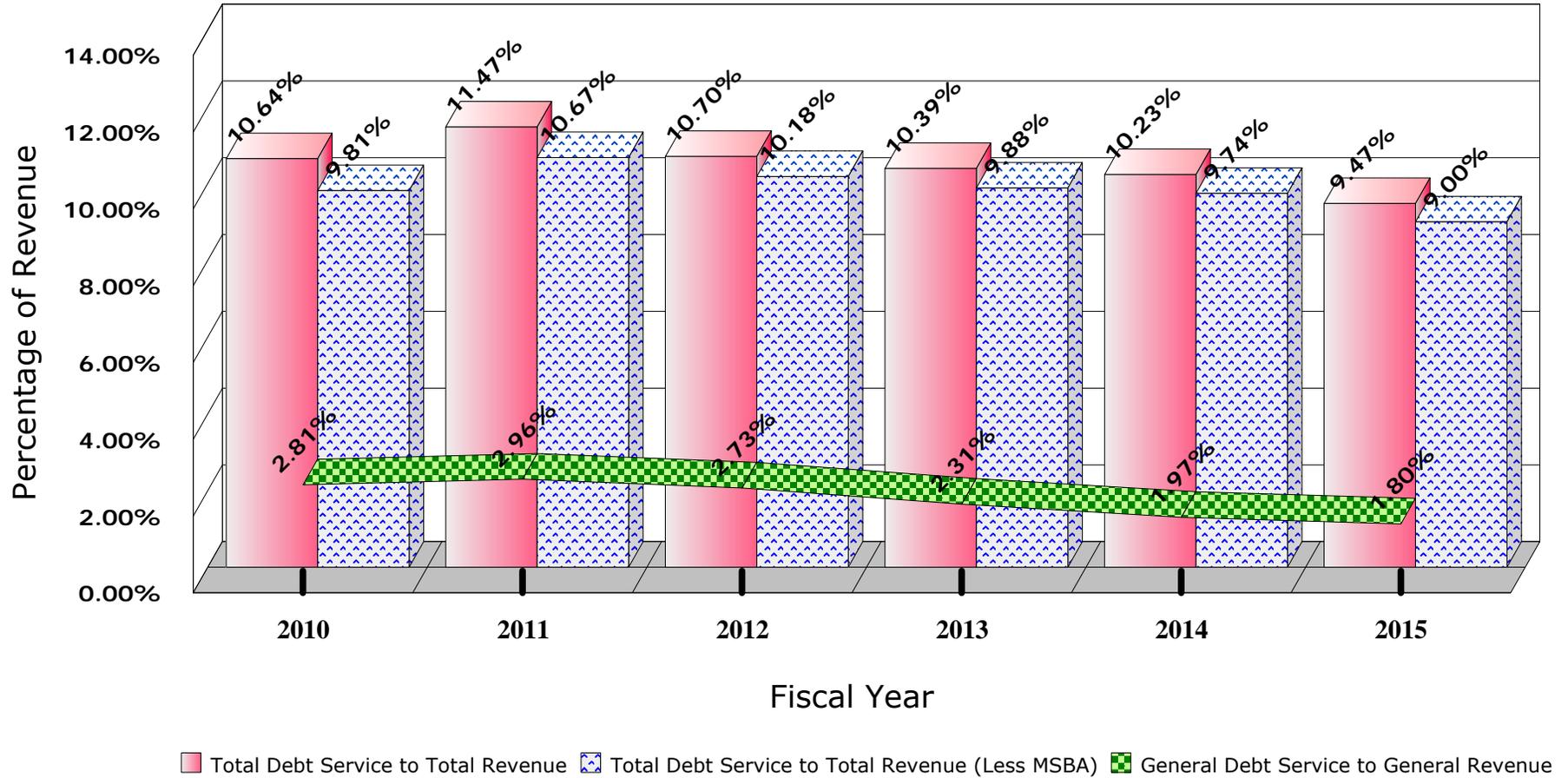
** Excludes Massachusetts School Building Assistance (MSBA) Revenue

*** Uses net general fund debt excluded figure (or actual debt to be paid by Town after MSBA payment) see table VI

Intentionally Blank

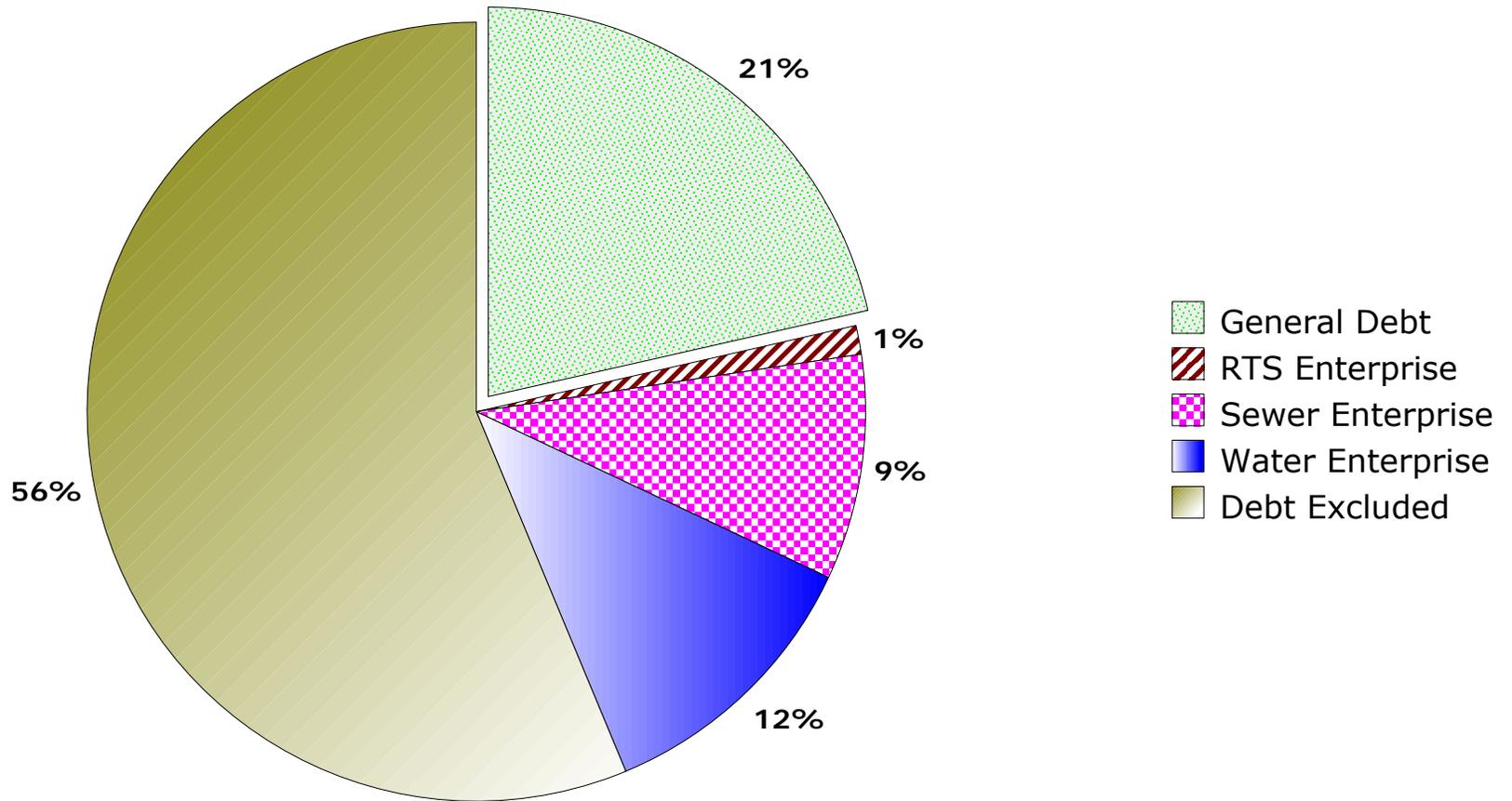
Debt Service as a Percentage of Revenue *

Includes Proposed Debt
 FY 2010 - FY 2015



* Projected

FY 2010 Debt Service Share of Total



Projected Gross Debt Service
\$12,793,936

Town of Needham
Capital Improvement Plan
January 2010

Table I
General Fund Capital Projects
Proposed Funding by Debt
FY 2011

Project	Amount	Years	Bond Rate	Estimated Debt Service Schedule					
				2010	2011	2012	2013	2014	2015
General Fund Within the Levy									
Kendrick Street Bridge (Charles River)	\$850,000	10	6.00%			\$136,000	\$130,900	\$125,800	\$120,700
Mitchell Modular	\$363,700	5	5.50%			\$113,704	\$104,850	\$99,900	\$94,950
New Senior Center Design	\$400,000	4	5.50%			\$122,000	\$116,500	\$111,000	\$105,500
Pollard School Design	\$400,000	4	5.50%			\$122,000	\$116,500	\$111,000	\$105,500
Roads, Bridges & Sidewalk Capital Program	\$1,236,300	4	5.50%			\$377,997	\$360,947	\$343,897	\$323,147
Projected New General Fund Debt Service	\$3,250,000					\$871,700	\$829,697	\$791,597	\$749,797
General Fund Debt									
Authorized & Issued (refer to schedule)				\$2,189,663	\$1,358,156	\$800,515	\$641,479	\$425,294	\$382,220
Authorized Not Yet Issued & Short Term Costs				\$557,362	\$1,609,556	\$1,158,252	\$1,008,352	\$969,052	\$933,952
Proposed						\$871,700	\$829,697	\$791,597	\$749,797
Total General Fund Debt Service Within the Levy				\$2,747,025	\$2,967,712	\$2,830,467	\$2,479,528	\$2,185,942	\$2,065,968
General Fund Within the Levy Revenue *				\$97,623,957	\$100,260,381	\$103,638,544	\$107,308,368	\$111,108,336	\$115,043,069
Debt Service % of General Fund Revenue				2.81%	2.96%	2.73%	2.31%	1.97%	1.80%

Town of Needham
Capital Improvement Plan
January 2010

Table II
CPA Capital Projects
Proposed Funding by Debt
FY 2011

Project	Amount	Years	Bond Rate	2010	Estimated Debt Service Schedule					
					2011	2012	2013	2014	2015	
CPA Fund Debt										
Projected New CPA Fund Debt Service										
CPA Fund Debt										
Authorized & Issued										
Authorized Not Yet Issued & Short Term Costs										
					\$300,000	\$550,000	\$770,000	\$779,000		
Proposed ^										
Total CPA Fund Debt Service					\$300,000	\$550,000	\$770,000	\$779,000		

^ Subject to approval by the CPC

Town of Needham
Capital Improvement Plan
January 2010

Table III
Recycling & Solid Waste Disposal Capital Projects
Proposed Funding by Debt
FY 2011

Project	Amount	Years	Bond Rate	Estimated Debt Service Schedule					
				2010	2011	2012	2013	2014	2015
Recycling & Solid Waste Disposal Enterprise (RTS)									
Projected New RTS Debt Service									
RTS Enterprise Fund Debt									
Authorized & Issued (refer to schedule)				\$53,250	\$98,994	\$41,200	\$40,400		
Authorized Not Yet Issued & Short Term Costs Proposed				\$96,750	\$51,006	\$85,715	\$81,668	\$77,622	
Total RTS Debt Service				\$150,000	\$150,000	\$126,915	\$122,068	\$77,622	

Town of Needham
Capital Improvement Plan
January 2010

Table IV
Sewer Fund Capital Projects
Proposed Funding by Debt
FY 2011

Project	Amount	Years	Bond Rate	Estimated Debt Service Schedule						
				2010	2011	2012	2013	2014	2015	
Sewer Enterprise										
Wastewater Pump Station Reservoir "B"	\$4,066,000	15 - 25	6.00%			55,908	111,815	423,630	412,630	
Projected New Sewer Debt Service	\$4,066,000					\$55,908	\$111,815	\$423,630	\$412,630	
Sewer Enterprise Fund Debt										
Authorized & Issued (refer to schedule)				\$1,047,893	\$966,929	\$924,851	\$923,995	\$907,040	\$700,549	
Authorized Not Yet Issued & Short Term Costs				\$152,107	\$283,071	\$293,870	\$285,470	\$277,070	\$268,670	
Proposed						\$55,908	\$111,815	\$423,630	\$412,630	
Total Sewer Debt Service				\$1,200,000	\$1,250,000	\$1,274,629	\$1,321,280	\$1,607,740	\$1,381,849	

Town of Needham
Capital Improvement Plan
January 2010

Table V
Water Fund Capital Projects
Proposed Funding by Debt
FY 2011

Project	Amount	Years	Bond Rate	Estimated Debt Service Schedule						
				2010	2011	2012	2013	2014	2015	
Water Enterprise										
Projected New Water Debt Service										
Water Enterprise Fund Debt										
Authorized & Issued (refer to schedule)				\$1,446,909	\$1,139,953	\$1,146,092	\$827,505	\$768,173	\$758,175	
Authorized Not Yet Issued & Short Term Costs Proposed				\$53,091	\$360,047	\$400,560	\$491,360	\$426,160	\$412,960	
Total Water Debt Service				\$1,500,000	\$1,500,000	\$1,546,652	\$1,318,865	\$1,194,333	\$1,171,135	

Town of Needham
Capital Improvement Plan
January 2010

Table VI
Capital Projects
Proposed Funding by Debt Exclusion
FY 2011

Project	Amount	Years	Bond Rate	Estimated Debt Service Schedule					
				2010	2011	2012	2013	2014	2015
General Fund Debt Excluded									
Projected New General Fund Debt Service Excluded									
General Fund Debt Excluded									
Authorized & Issued (refer to schedule)				\$6,753,446	\$7,406,521	\$6,411,824	\$6,111,974	\$5,963,090	\$5,865,326
Authorized Not Yet Issued & Short Term Costs Proposed				\$443,466	\$1,005,086	\$1,216,163	\$1,885,763	\$2,258,263	\$2,180,263
Total General Fund Excluded Debt Service				\$7,196,912	\$8,411,607	\$7,627,986	\$7,997,736	\$8,221,353	\$8,045,589
Projected SBA Payments/Other Adjustments				\$1,110,067	\$1,110,067	\$745,381	\$745,381	\$745,381	\$745,381
Net General Fund Excluded Debt Service *				\$6,086,845	\$7,301,540	\$6,882,605	\$7,252,355	\$7,475,972	\$7,300,208

* Before other offsets and credits

Town of Needham
Capital Improvement Plan
January 2010

TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED

Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service	After					
						2010	2011	2012	2013	2014	2015	2015
GENERAL FUND WITHIN THE LEVY LIMIT - AUTHORIZED & ISSUED												
Title V - MWPAT T5-97-1027 - R	May-97	\$85,894	Dec-99	Aug-19	(see note)	\$7,519	\$7,305	\$7,056	\$6,794	\$6,530	\$6,265	\$26,951
Storm Water - MWPAT 98-92 (Restructured)	May-98	\$364,979	Sep-01	Aug-19	(see note)	\$36,878	\$34,831	\$34,506	\$33,750	\$32,889	\$35,650	\$156,444
High School Repair	Feb-01	\$750,000	May-03	Nov-09	2.12%	\$75,938	PAID					
Pollard School Modular Classrooms	Nov-01	\$1,712,000	May-03	Nov-10	2.33%	\$299,925	\$228,150	PAID				
Police Fire Complex Repairs	May-03	\$400,000	Jun-05	Jun-10	3.17%	\$82,600	PAID					
Road & Intersection Improvements	May-03	\$500,000	Jun-05	Jun-10	3.17%	\$103,250	PAID					
Ambulance	May-05	\$120,250	Dec-05	Feb-10	3.41%	\$31,013	PAID					
Police Fire Complex Repairs	May-04	\$110,000	Dec-05	Feb-10	3.42%	\$20,675	PAID					
Road Improvements	May-05	\$468,400	Dec-05	Feb-15	3.48%	\$100,716	\$32,510	\$11,460	\$11,110	\$10,750	\$10,380	
Road Improvements (Series II)	May-04	\$485,000	Dec-05	Feb-10	3.41%	\$124,050	PAID					
Sidewalk Improvements	May-05	\$123,300	Dec-05	Feb-10	3.42%	\$31,013	PAID					
Sidewalk Improvements (Series II)	May-04	\$50,000	Dec-05	Feb-10	3.43%	\$10,338	PAID					
Roads, Bridges, Sidewalks & Intersections (Series I)	May-06	\$500,000	Nov-06	May-10	4.11%	\$208,000	PAID					
Mitchell School Roof	Nov-06	\$580,000	Jun-07	Nov-11	4.31%	\$127,219	\$122,331	\$117,444	PAID			
Roads, Bridges, Sidewalks & Intersections (Series II)	May-06	\$340,000	Jun-07	Nov-10	4.33%	\$90,419	\$86,806	PAID				
Roads, Bridges, Sidewalks & Intersections	May-07	\$1,100,000	Dec-07	Jun-10	3.31%	\$387,188	PAID					
Ambulance & EMS Reporting System	May-08	\$160,000	Nov-08	Aug-10	3.40%	\$85,300	\$81,400					

Town of Needham
Capital Improvement Plan
January 2010

TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED

Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	After
						2010	2011	2012	2013	2014	2015	2015
Public Services Administrative Building Design	May-08	\$120,000	Nov-08	Aug-10	3.40%	\$63,975	\$61,050					
Hillside & Mitchell Schools Paving Work	May-08	\$90,000	Nov-08	Aug-11	3.46%	\$33,300	\$31,575	\$30,525				
Road, Bridges, Sidewalks and Intersection Improvement	May-08	\$820,000	Jun-09	Jun-13	2.40%	\$227,550	\$219,350	\$213,200	\$209,100			
Street & Traffic Light Improvements	May-08	\$80,000	Jun-09	Jun-11	3.33%	\$42,800	\$41,200					
Public Services Administration Building	Oct-08	\$4,000,000	Dec-09	Aug-26	3.16%	Issued	\$363,375	\$344,325	\$339,525	\$334,725	\$329,925	\$3,362,288
Road, Bridges, Sidewalks and Intersection Improvement	May-09	\$165,000	Dec-09	Aug-13	2.00%	Issued	\$48,272	\$42,000	\$41,200	\$40,400		
GENERAL FUND DEBT SERVICE - WITHIN THE LEVY LIMIT						\$2,189,663	\$1,358,156	\$800,515	\$641,479	\$425,294	\$382,220	\$3,545,682

Town of Needham
Capital Improvement Plan
January 2010

TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED

Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service	After					
						2010	2011	2012	2013	2014	2015	2015
GENERAL FUND DEBT EXCLUDED FROM THE LEVY LIMIT - AUTHORIZED & ISSUED												
High School Renovations	May-00	\$5,350,000	Jun-01	Jun-11	4.00%	\$577,800	\$556,400	PAID				
Land Acquisition (Wiswall)	Nov-00	\$1,930,000	Jun-01	Jun-11	4.00%	\$205,200	\$197,600	PAID				
Broadmeadow School	May-00	\$14,000,000	Nov-03	Nov-23	4.09%	\$1,111,600	\$1,089,725	\$1,066,100	\$1,040,725	\$1,013,600	\$985,600	\$7,558,600
Library Project (Series I)	May-03	\$11,000,000	Dec-04	Dec-19	3.90%	\$1,149,763	\$1,118,181	\$1,084,563	\$1,056,038	\$1,026,494	\$994,913	\$4,475,456
Eliot School	May-00	\$5,500,000	Jun-05	Jun-25	3.82%	\$446,444	\$417,344	\$408,894	\$399,794	\$390,694	\$421,594	\$3,434,938
Library Project (Series II)	May-03	\$750,000	Dec-05	Feb-15	3.59%	\$103,799	\$100,930	\$102,955	\$99,805	\$91,565	\$93,420	
High School (Series I)	May-03	\$10,000,000	Nov-06	May-26	4.01%	\$888,450	\$907,250	\$865,875	\$845,250	\$823,250	\$801,250	\$7,053,125
High Rock School - Designs	Nov-06	\$45,000	Dec-07	Jun-12	3.28%	\$10,975	\$10,650	\$10,325	PAID			
High Rock & Pollard School Projects	May-07	\$600,000	Dec-07	Jun-12	3.28%	\$164,625	\$159,750	\$154,875	PAID			
High Rock School - Designs	Nov-06	\$480,000	Jun-08	Dec-26	3.91%	\$41,406	\$40,594	\$39,781	\$38,969	\$38,156	\$37,344	\$372,156
High Rock & Pollard School Projects	May-07	\$1,120,000	Jun-08	Dec-26	3.91%	\$98,575	\$96,625	\$94,675	\$92,725	\$90,775	\$88,825	\$865,175
High School (Series IIA)	May-03	\$9,000,000	Jun-08	Dec-24	3.89%	\$835,013	\$817,788	\$800,563	\$783,338	\$766,113	\$748,888	\$6,349,713
High School (Series IIB)	Feb-05	\$2,000,000	Jun-08	Dec-26	3.91%	\$173,906	\$170,494	\$167,081	\$163,669	\$160,256	\$156,844	\$1,563,056
High Rock & Pollard School Projects (Series III)	May-07	\$5,000,000	Nov-08	Aug-27	4.69%	\$531,291	\$468,625	\$459,350	\$450,075	\$440,800	\$430,863	\$4,492,131
High School (Series III)	Feb-05	\$3,850,000	Jun-09	Jun-28	3.42%	\$414,600	\$358,000	\$310,650	\$306,550	\$297,450	\$292,950	\$3,116,100
High Rock & Pollard School Projects (Series IV)	May-07	\$10,500,000	Dec-09	Aug-28	3.35%	Issued	\$896,566	\$846,138	\$835,038	\$823,938	\$812,838	\$9,662,056
EXCLUDED DEBT						\$6,753,446	\$7,406,521	\$6,411,824	\$6,111,974	\$5,963,090	\$5,865,326	\$48,942,506

Town of Needham
Capital Improvement Plan
January 2010

TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED

Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	After
						2010	2011	2012	2013	2014	2015	2015
RTS FUND DEBT FEE SUPPORTED - AUTHORIZED & ISSUED												
RTS Construction Equipment	May-07	\$200,000	Dec-07	Jun-11	3.30%	\$53,250	\$51,625	PAID				
Collection Packer	May-08	\$125,000	Dec-09	Aug-12	2.00%	Issued	\$47,369	\$41,200	\$40,400			
RTS DEBT SERVICE						\$53,250	\$98,994	\$41,200	\$40,400			

Town of Needham
Capital Improvement Plan
January 2010

TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED

Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	After
						2010	2011	2012	2013	2014	2015	2015
SEWER FUND DEBT SERVICE FEE SUPPORTED - AUTHORIZED & ISSUED												
West Street Force Sewer Main	May-98	\$881,800	Jun-99	Jun-19	4.83%	\$71,456	\$69,375	\$67,238	\$70,100	\$67,700	\$70,250	\$281,750
West Street Sewer Pump Station	May-98	\$1,939,000	Jun-99	Jun-19	4.83%	\$153,296	\$153,903	\$154,153	\$154,165	\$153,885	\$153,250	\$614,750
Sewer - MWPAT 95-01 (Restructured)	May-91	\$310,656	Aug-01	Feb-15	(see note)	\$32,162	\$32,130	\$32,110	\$32,080	\$32,061	\$32,021	
Sewer - MWPAT 97-13 (Restructured)	Oct-96	\$67,700	Nov-04	Aug-18	(see note)	\$6,805	\$6,815	\$6,406	\$6,558	\$6,509	\$6,537	\$24,996
Sewer - MWPAT 97-33 (Restructured)	Oct-96	\$180,300	Nov-04	Aug-18	(see note)	\$18,001	\$18,160	\$17,194	\$17,593	\$17,427	\$17,374	\$66,144
Sewer - MWPAT 97-63 (Restructured 2)	May-97	\$1,019,778	Nov-04	Aug-18	(see note)	\$101,808	\$102,444	\$97,017	\$99,729	\$98,417	\$98,250	\$374,823
Sewer - MWPAT 98-10 (Restructured)	May-97	\$130,200	Nov-04	Aug-18	(see note)	\$12,944	\$13,071	\$12,388	\$12,793	\$12,594	\$12,567	\$47,803
Sewer System Rehab - I/I Work (Series II)	May-03	\$425,000	Jun-05	Jun-14	3.14%	\$46,800	\$45,500	\$44,200	\$42,800	\$41,400		
Sewer Pump Station	May-05	\$484,550	Dec-05	Feb-15	3.59%	\$66,621	\$64,765	\$62,840	\$60,915	\$58,935	\$51,900	
Sewer Rehabilitation - Rte 128 Area (Series I)	Nov-05	\$2,000,000	Jun-07	Nov-22	4.35%	\$308,788	\$161,138	\$141,781	\$142,638	\$138,388	\$134,013	\$839,544
Sewer Pump Station - GPA	May-05	\$500,000	Jun-09	Jun-19	3.17%	\$65,000	\$63,000	\$61,500	\$60,500	\$59,500	\$58,375	\$219,188
Sewer System Rehabilitation I/I	May-07	\$725,000	Jun-10	Jun-14	2.35%	\$164,213	\$158,413	\$154,063	\$151,163	\$148,263		
Sewer Rehabilitation - Rte 128 Area	Nov-05	\$320,000	Dec-09	Aug-28	3.39%	Issued	\$30,359	\$28,763	\$28,363	\$27,963	\$22,613	\$285,481
Sewer Pump Station GPA	May-08	\$550,000	Dec-09	Aug-28	3.36%	Issued	\$47,857	\$45,200	\$44,600	\$44,000	\$43,400	\$502,613
SEWER DEBT SERVICE						\$1,047,893	\$966,929	\$924,851	\$923,995	\$907,040	\$700,549	\$3,257,091

Town of Needham
Capital Improvement Plan
January 2010

TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED

Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service	After					
						2010	2011	2012	2013	2014	2015	2015
Water Treatment Facility	Nov-97	\$3,090,000	Jun-99	Jun-19	4.83%	\$242,840	\$245,903	\$243,303	\$245,465	\$247,065	\$243,000	\$981,750
Water Treatment Facility	May-96	\$2,665,000	Jun-99	Jun-19	4.83%	\$209,608	\$208,595	\$212,183	\$210,295	\$208,095	\$210,500	\$840,250
Water Systems - Broadmeadow Area	Nov-00	\$257,304	Jul-01	Aug-11	ZERO	\$25,730	\$25,730	\$25,730	PAID			
Water System Improvement	May-01	\$665,000	May-03	Nov-09	2.12%	\$65,813	PAID					
Water System Designs - Warren Area	May-04	\$50,000	Dec-05	Feb-11	3.44%	\$10,688	\$10,350	PAID				
Water System Rehab - Warren Area (Series I)	May-05	\$413,500	Dec-05	Feb-15	3.60%	\$55,039	\$53,520	\$51,945	\$50,370	\$53,750	\$51,900	
Water System Rehab - Warren Area (Series II)	May-05	\$330,000	Nov-06	May-10	4.16%	\$72,800	PAID					
Water System Rehab - Webster Area (Series I)	May-03	\$788,000	Nov-06	May-10	4.16%	\$208,000	PAID					
Water Service Connections (Series I)	May-06	\$50,000	Jun-07	Nov-11	4.31%	\$11,063	\$10,638	\$10,213	PAID			
Water System Rehab - Rte 128 Area (Series I)	May-06	\$1,500,000	Jun-07	Nov-22	4.32%	\$100,600	\$138,050	\$178,694	\$148,913	\$144,663	\$140,288	\$1,030,356
Water Service Connections (Series II)	May-06	\$100,000	Dec-07	Jun-12	3.28%	\$27,438	\$26,625	\$25,813	PAID			
Water Storage Tank Rehabilitation	May-07	\$600,000	Dec-07	Jun-12	3.28%	\$197,550	\$191,700	\$185,850	PAID			
Water System Design	May-01	\$25,000	Dec-07	Jun-12	3.28%	\$5,488	\$5,325	\$5,163	PAID			
Water System Rehab - Webster Area (Series II)	May-03	\$100,000	Dec-07	Jun-12	3.28%	\$27,438	\$26,625	\$25,813	PAID			
Water System Rehabilitation - Rte 128 Area	May-06	\$230,000	Nov-08	Aug-12	3.48%	\$68,788	\$64,900	\$57,888	\$55,963			
Water System Rehabilitation - Rte 128 Area	May-06	\$212,000	Jun-09	Jun-19	3.16%	\$32,398	\$29,358	\$28,638	\$23,158	\$22,778	\$23,350	\$87,675
Water Storage Tank Rehabilitation	May-08	\$655,000	Jun-09	Jun-19	3.16%	\$85,633	\$82,993	\$81,013	\$79,693	\$78,373	\$75,888	\$284,944

Town of Needham
Capital Improvement Plan
January 2010

TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED

Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	After
						2010	2011	2012	2013	2014	2015	2015
Water Service Connections	May-06	\$55,000	Dec-09	Aug-19	2.51%	Issued	\$11,324	\$6,013	\$5,913	\$5,813	\$5,713	\$26,744
Water System Rehabilitation - Rte 128 Area	May-06	\$100,000	Dec-09	Aug-28	3.41%	Issued	\$8,319	\$7,838	\$7,738	\$7,638	\$7,538	\$95,294
WATER DEBT SERVICE						\$1,446,909	\$1,139,953	\$1,146,092	\$827,505	\$768,173	\$758,175	\$3,347,013
TOTAL						\$11,491,160	\$10,970,553	\$9,324,482	\$8,545,353	\$8,063,596	\$7,706,270	\$59,092,292

Note: Massachusetts Water Pollution Abatement Trust (MWPAT) loans include many communities and multiple loans and are frequently restructured by the Trust. The program provides grants and other financial assistance which in effect results in low or no interest rate loan . Under the program the Town usually pays less than it borrows from the Trust.

Town of Needham
Capital Improvement Plan
January 2010

**Previously Approved Debt Funded Capital
Open Projects
Authorized Balance Not Yet Issued**

Approved	Project	Authorized	Balance
2001	Rosemary Pool Complex - Design	\$100,000	\$72,500
2003	Dedham Avenue Parking Lot	\$180,000	\$46,500
2003	Richardson Drive Sewer Pump Station	\$500,000	\$497,000
2003	St. Mary's Water Pumping Station Design	\$300,000	\$180,000
2003	Webster Street Water System Design and Engineering	\$105,000	\$11,000
2004	Library New Facility	\$15,700,000	\$35,997
2004	Sewer System Rehabilitation	\$1,000,000	\$175,000
2006	High School Construction Supplement	\$10,700,000	\$107,720
2006	Ridge Hill Rehabilitation	\$126,875	\$106,600
2006	Rte 128 Sewer System Improvements	\$3,500,000	\$335,000
2006	Warren Street Water System Improvements	\$913,500	\$30,000
2007	Mitchell School Roof Repair	\$700,000	\$3,600
2007	Rte 128 Water System Improvements	\$3,000,000	\$900,000
2008	High Rock & Pollard School Projects	\$20,475,000	\$2,884,000
2008	RTS Construction Equipment	\$230,000	\$14,300
2008	Sewer System Rehabilitation I/I Work	\$1,806,800	\$900,000

Town of Needham
Capital Improvement Plan
January 2010

**Previously Approved Debt Funded Capital
Open Projects
Authorized Balance Not Yet Issued**

Approved	Project	Authorized	Balance
2009	Collection Packer Equipment	\$225,000	\$50,000
2009	Municipal Parking Lot Improvements	\$105,000	\$105,000
2009	Public Safety Building Roof	\$535,000	\$485,000
2009	Public Services Administration Bldg	\$5,725,000	\$1,525,000
2009	Street & Traffic Light Improvements	\$105,000	\$25,000
2009	Wastewater Pump Station At GPA	\$770,000	\$220,000
2009	Water Main Improvements	\$1,900,000	\$1,900,000
2009	Water Storage Tank Cleaning & Painting	\$730,000	\$75,000
2010	Kendrick Street Bridge Repair Design	\$125,000	\$125,000
2010	Newman School HVAC Design and Engineering	\$450,000	\$450,000
2010	Newman School Project	\$26,962,128	\$26,962,128
2010	Road, Bridges, Sidewalks and Intersection Improvement	\$875,000	\$710,000
2010	RTS Construction Equipment (FE Loader)	\$230,000	\$230,000
2010	Sewer Pump Station Design (Reservoir B)	\$577,500	\$577,500
2010	Stormwater Master Plan Drainage Improvements (Latarn & Gayland)	\$200,000	\$200,000
2010	Town Hall (CPA Portion)	\$7,200,000	\$7,200,000

Town of Needham
Capital Improvement Plan
January 2010

**Previously Approved Debt Funded Capital
Open Projects
Authorized Balance Not Yet Issued**

Approved	Project	Authorized	Balance
2010	Town Hall (GF Portion)	\$4,100,000	\$4,100,000
2010	Water Distribution System Rehab	\$1,000,000	\$1,000,000
Total		\$111,151,803	\$52,238,845

The above projects are in various stages of completion and therefore the amount and timing of each Note and Bond issue have not yet been determined. The debt retirement will be structured to fit within the proposed budget allocation shown in the debt tables.